

Numbers of fragments	2				
	Concentration ng/ul			Concentration ng/ul	
pCYCyeGFPlin	44.8		pCYCyeGFPlin	44.8	
CYC3	33.1		-		
CYC3 diluted	21.846		insert	0	
Moles of vector (pmoles)	0.1		Moles of vector (pmoles)	0.1	
Moles of insert (pmoles)	0.3		Moles of insert (pmoles)	0	
Mass of vector (ng)	132.9		Mass of vector (ng)	132.9	
Mass of insert (ng)	38.544		Mass of insert (ng)	0	
Volume of vector	2.966517857		Volume of vector	2.966517857	
Volume of insert diluted	1.764350453		Volume of insert diluted	0	
Volume of Mastermix	10		Volume of Mastermix	10	
Volume of H2O	5.26913169		Volume of H2O	7.033482143	
Total Volume	20		Total Volume	20	
Tubes labelling					
	CYC3	CYC3			
CYC-	Self Ligation				